

ABSTRACT

A power transformer having at least one high voltage winding and one low voltage winding.  
5 Each of the windings includes at least one current-carrying conductor, a first layer having semiconducting properties provided around said conductor, a solid insulating layer provided around said first layer, and a second layer having semiconducting properties provided around said insulating layer. The windings are intermixed such that turns of the high voltage winding are mixed with turns of the low voltage winding.

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